

New York State Department of Transportation

Yellow Flag NB23U4W025

By: Malav Shah
Flag Date: May 30, 2023

Superseding Information:
No Flags Superseded

Structure Information

BIN: 1065318 *Region:* 11 - NEW YORK CITY
Feature Carried: 278I278IX2M23027 *County:* KINGS
Feature Crossed: 6TH AVENUE *Political Unit:* City of NEW YORK
Orientation: 8 - NORTHWEST *Approximate Year Built:* 1962

Posted Load Matches Inventory : Yes

Bridge Load Posting (Tons) : Not Posted for Load

Primary Owner: New York State Department of Transportation

Primary Maintenance Responsibility: 12 - State - Subcontracted to another Party

Typical or Main Span Type: 3 - Steel, 02 - Stringer/Multi-Beam or Girder

This Bridge is not a Ramp

Number of Spans: 322

Verbal Notification Information

Person Notified: Muhammad Mubeen *Date:* June 02, 2023 10:00:00 AM
Of: NYSDOT Region 11

Signature Information

Signature: Malav Shah, P.E. 106620-1 *Date:* June 22, 2023
Reviewed By: Robert Kemp *Date:* June 22, 2023

Attachments: 8

Flagged Elements

Parent Element	Element	Total Quantity	Unit
Span Number : 231			
	113 - Steel Stringer	104	ft
	PR831 - Steel Beam End	42	each

Flagged Condition Description

This Yellow Flag No. NB23U4W025 is a new flag.

Location: Span 231, Stringer S2 at Pier 231.

Stringer S2 end at Pier 231 in Span 231 has a connection angle on both sides of the stringer web. The connection angle on the right side is fully cracked with cracks in the heel and outstanding leg. The connection angle on the left side exhibits a crack at the heel in the connecting leg. (See Flag Condition Sketches on Photos No. 2 and No.3 for more details).

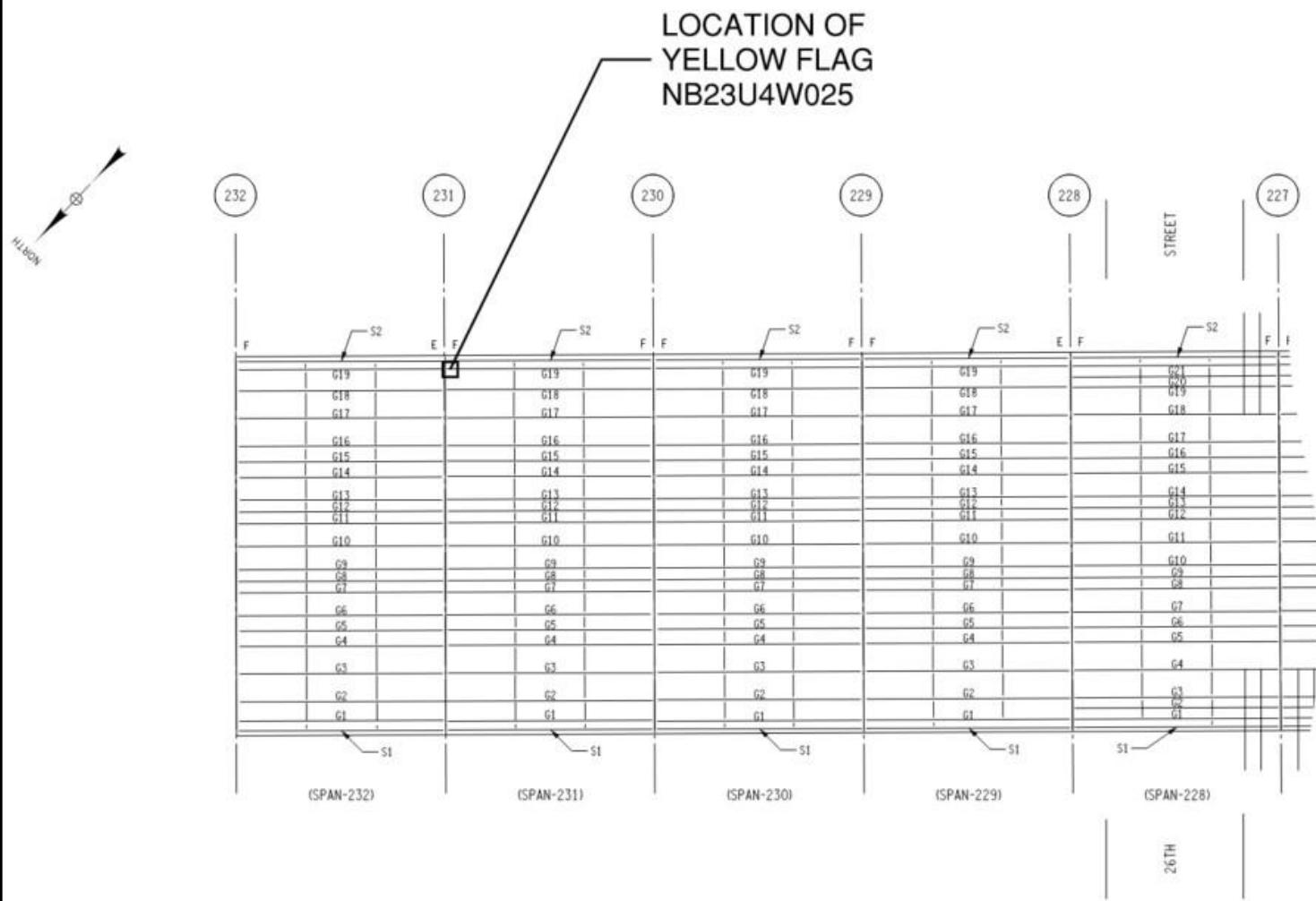
Notes:

1. Stringer S2 (curb girder) receives no direct live loading, but supports the barrier/railing above on I278.
2. Adjacent Girder G19 is in good condition.
3. A left double lane closure on 3rd Avenue Westbound with 35' bucket truck was used to access this location.

Flag Photographs

Photo Number: 1

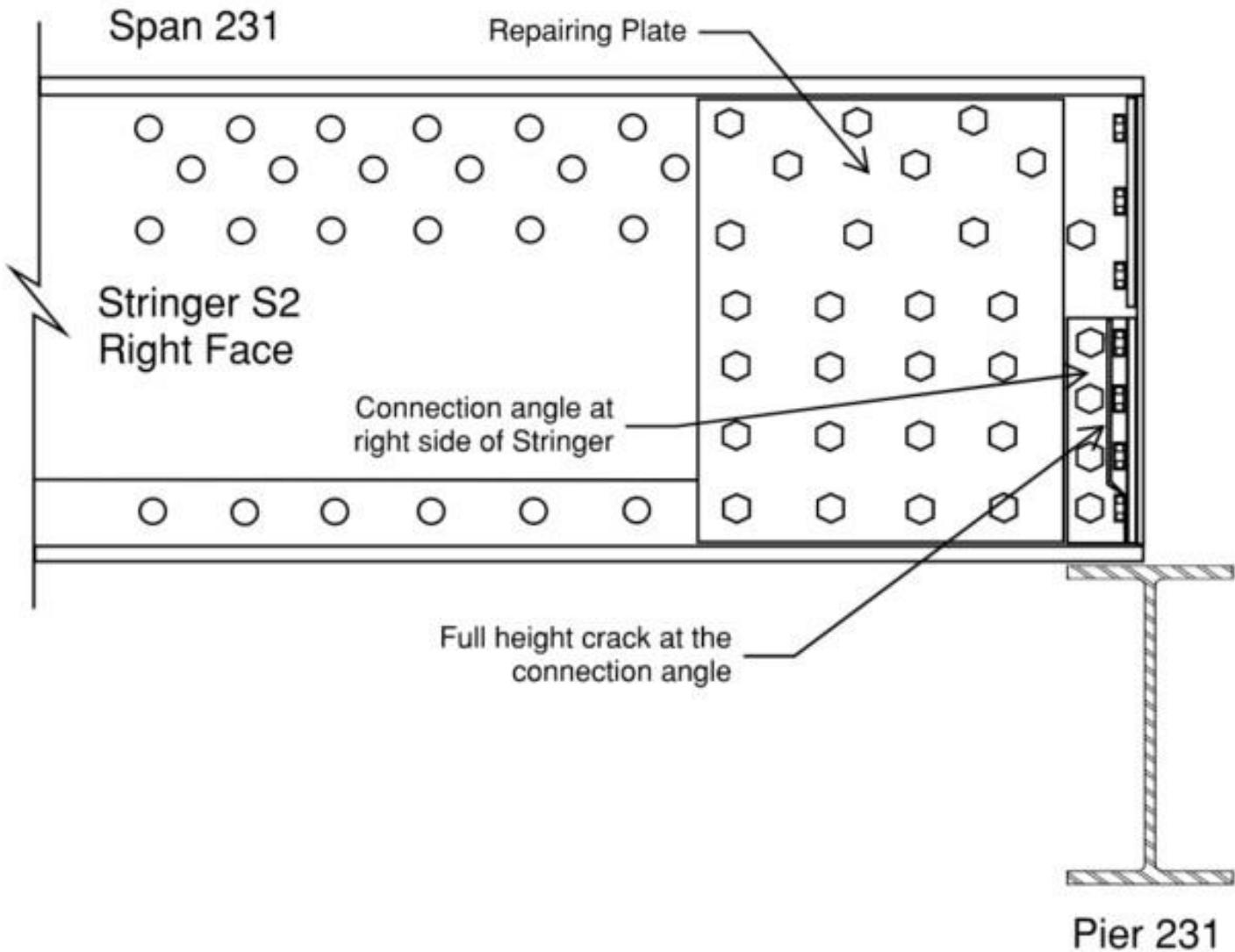
Photo Filename: **NB23U4W025 LOCATION PLAN.JPG**



Attachment Description: FLAG LOCATION PLAN

Photo Number: 2

Photo Filename: NB23U4W025 CONDITION SKETCH 1.JPG

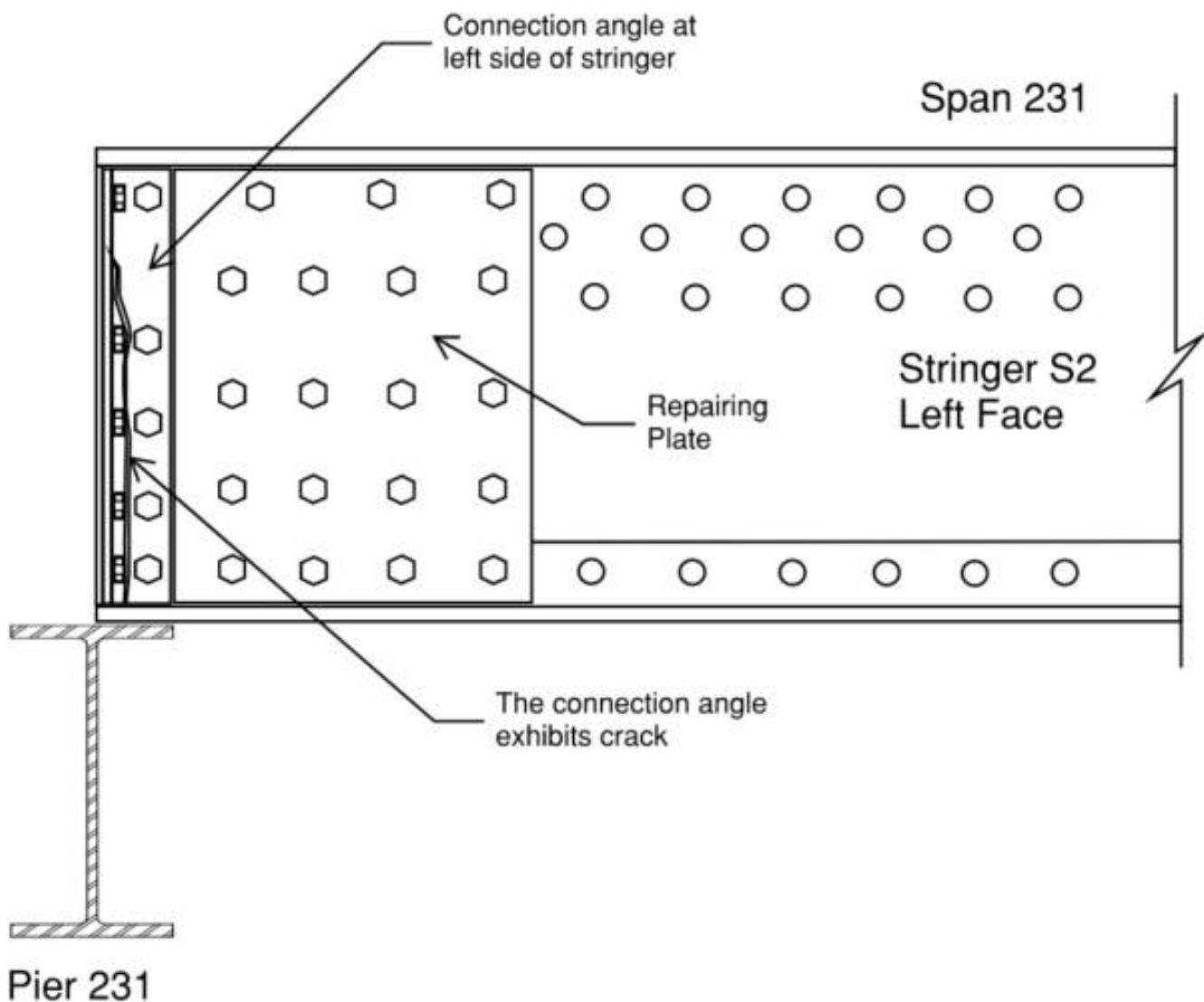


SKETCH FOR YELLOW FLAG # NB23U4W025
SPAN 231, STRINGER S2 BEAM END AT PIER 231
(LOOKING LEFT)
N.T.S

Attachment Description: FLAG CONDITION SKETCH 1

Photo Number: 3

Photo Filename: NB23U4W025 CONDITION SKETCH 2.JPG



SKETCH FOR YELLOW FLAG # NB23U4W025
SPAN 231, STRINGER S2 BEAM END AT PIER 231
(LOOKING RIGHT)
N.T.S

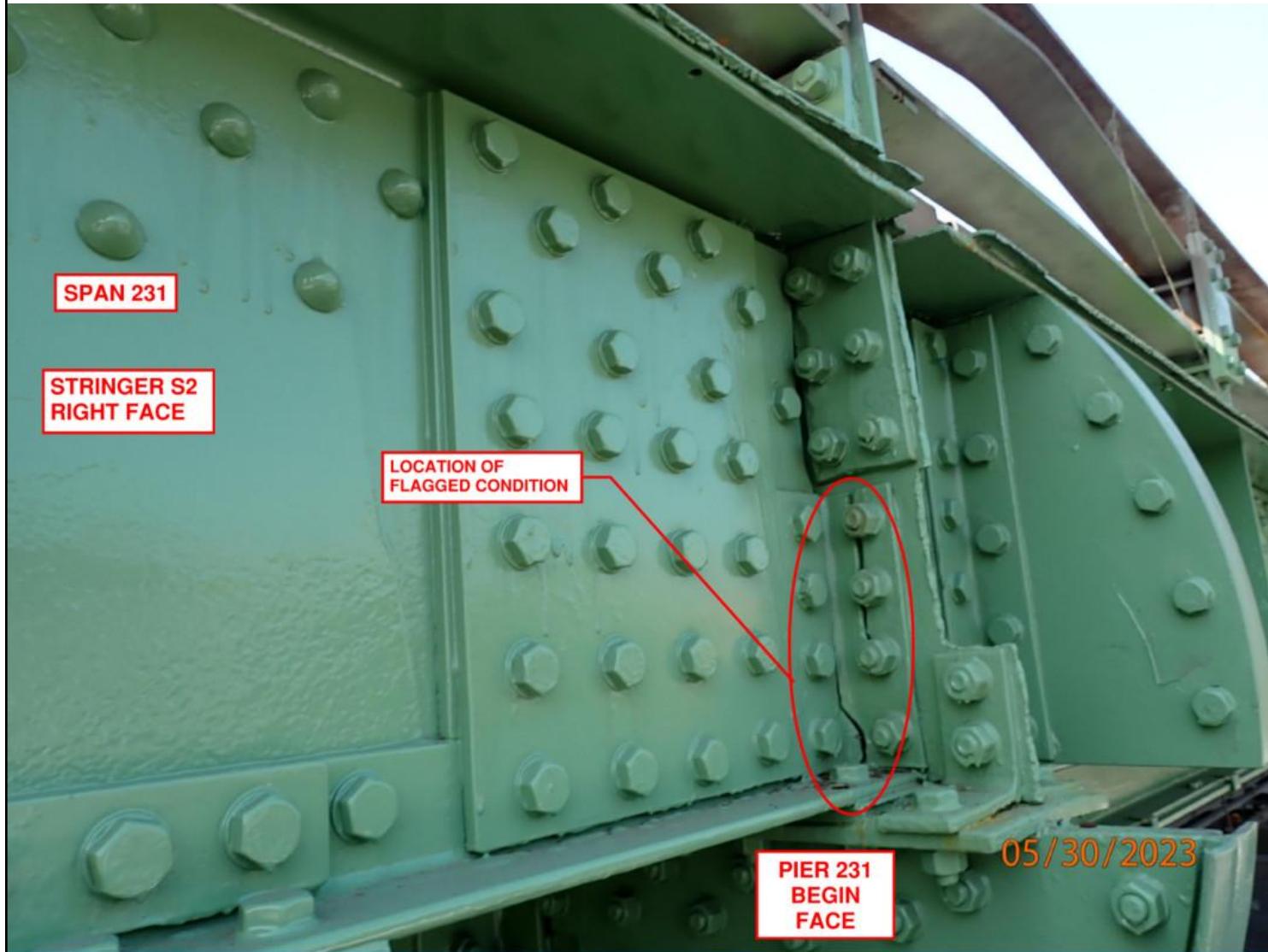
Attachment Description: FLAG CONDITION SKETCH 2

Photo Number: 4

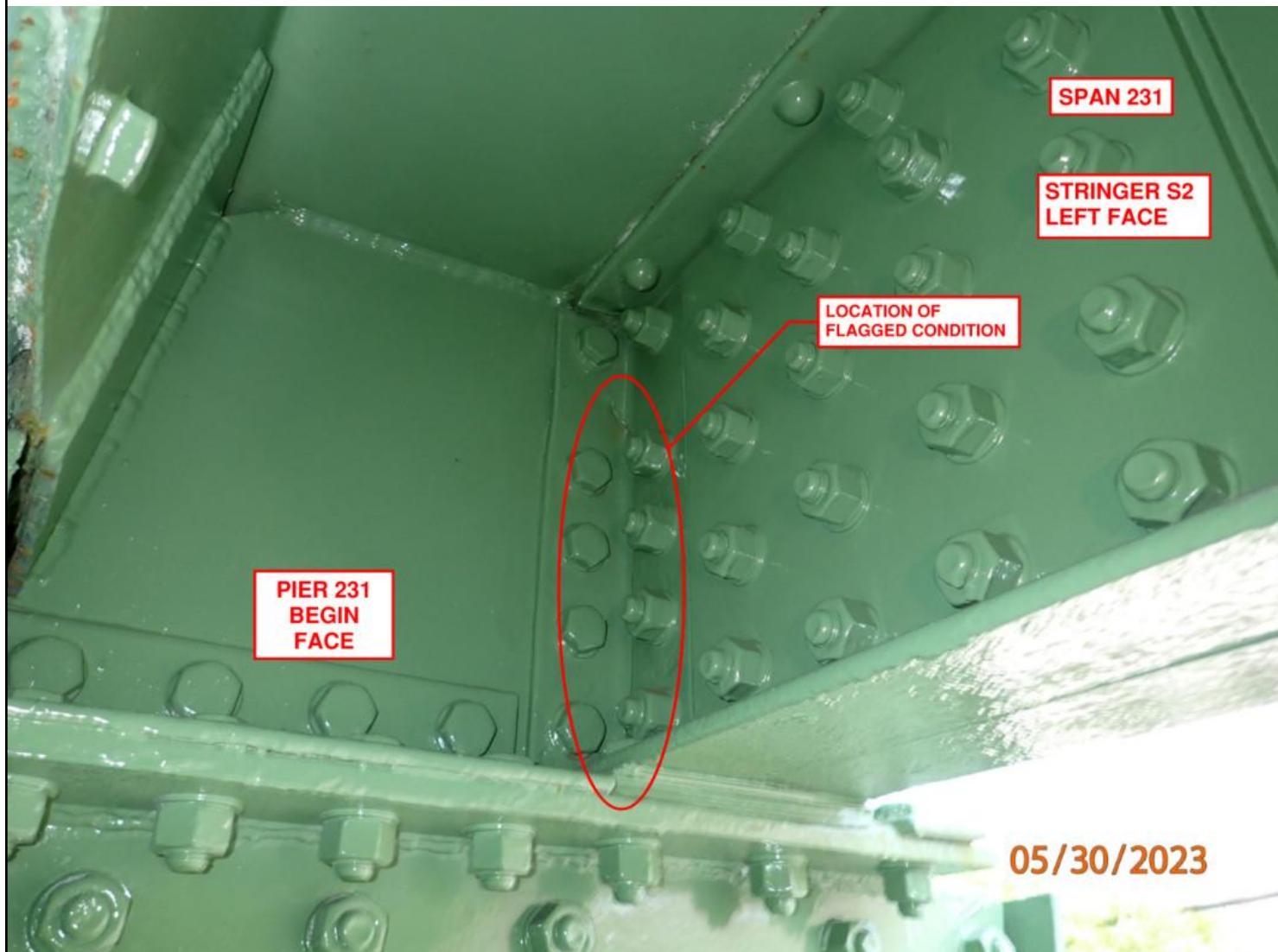
Photo Filename: P5303390.JPG



Attachment Description: General view of flag location. Looking End - Up

Photo Number: **5**Photo Filename: **P5303384.JPG**

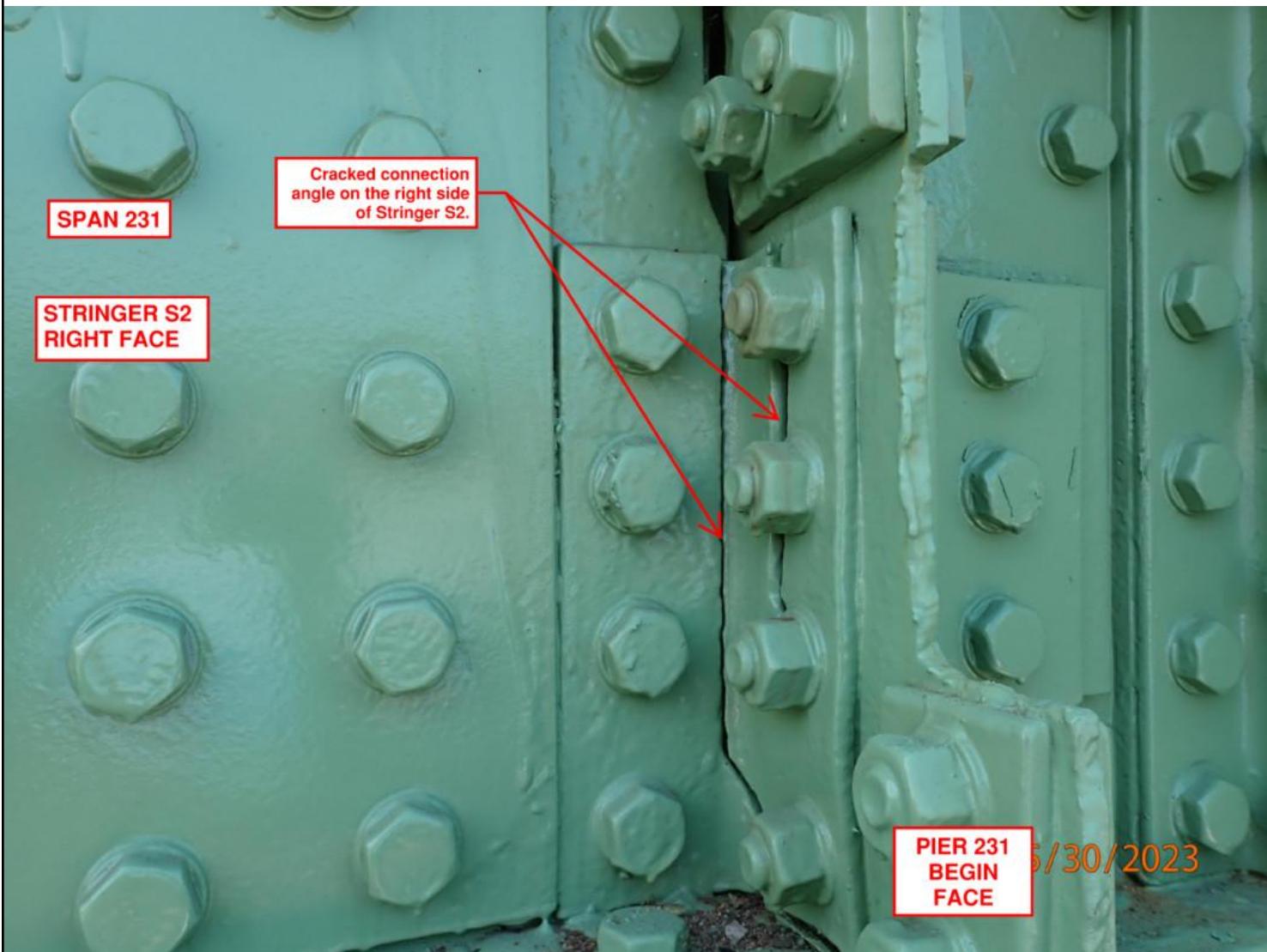
Attachment Description: General view of flag condition on right face of Stringer S2. Looking End-Left

Photo Number: **6**Photo Filename: **P5303388.JPG**

Attachment Description: General view of flag condition on left face of Stringer S2. Looking End-Right.

Photo Number: 7

Photo Filename: P5303386.JPG



Attachment Description: Cracked connection angle on right face of Stringer S2. Looking Left.

Photo Number: 8

Photo Filename: P5303389.JPG



Attachment Description: Cracked connection angle on left face of Stringer S2. Looking End - Right.